

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009521.D
 Acq On : 28 Mar 2019 01:27
 Operator : SY/VA
 Sample : K2068-17
 Misc : 4.89G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L1

Quant Time: Mar 28 07:47:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345012	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320652	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118052	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68547	16.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.52%
7) Chloroethane-d5	2.89	69	86588	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
10) 1,1-Dichloroethene-d2	4.01	63	129794	14.57	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.28%
20) 2-Butanone-d5	7.08	46	74006	43.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.80%
24) Chloroform-d	7.64	84	217169	23.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	8.38	65	131	0.02	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	364949	20.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.56%
33) 1,2-Dichloropropane-d6	9.27	67	123951	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.36%
37) Toluene-d8	10.32	98	298205	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.96%
38) trans-1,3-Dichloropropene-	10.58	79	45934	17.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.88%
39) 2-Hexanone-d5	10.93	63	47384	36.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123707	23.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	99257	21.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.72%

Target Compounds

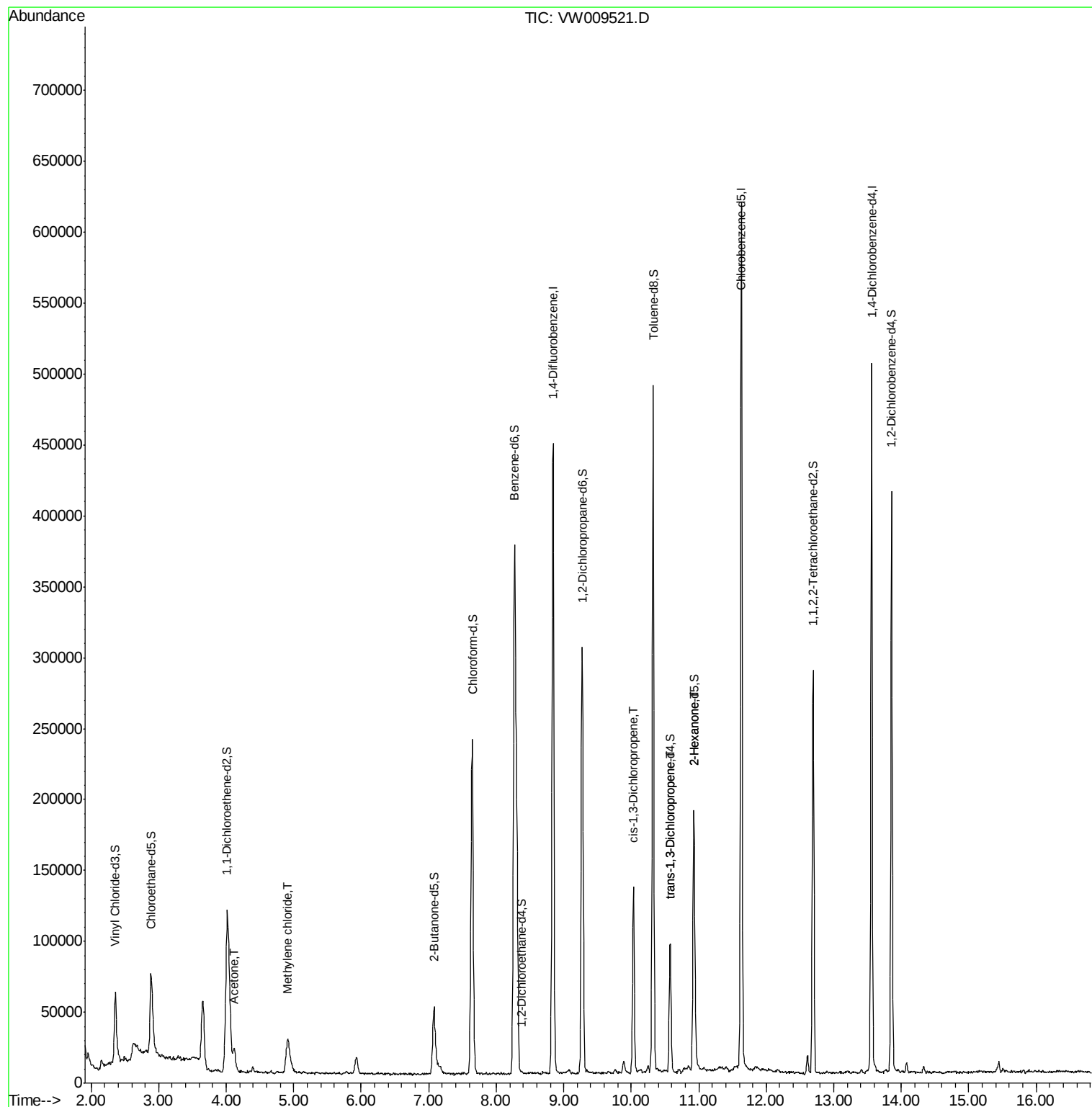
					Ovalue
13) Acetone	4.12	43	23748	16.984	ug/L 97
16) Methylene chloride	4.90	84	8957	1.780	ug/L 89
42) cis-1,3-Dichloropropene	10.03	75	3793	0.517	ug/L 83
45) trans-1,3-Dichloropropene	10.58	75	2831	0.444	ug/L 99
49) 2-Hexanone	10.93	43	9443	3.285	ug/L # 62

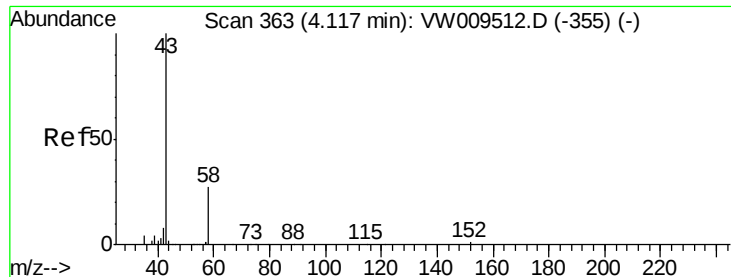
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 16.984 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009521.D

Acq: 28 Mar 2019 01:27

Instrument :

MSVOA_W

ClientSampleId :

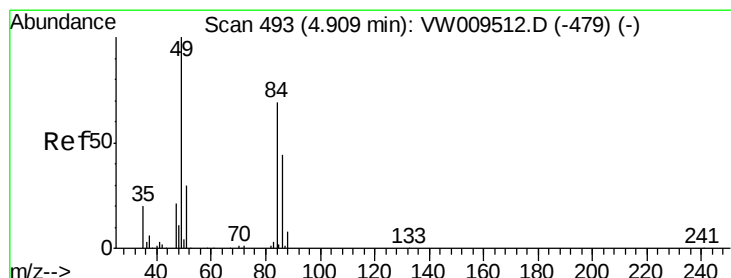
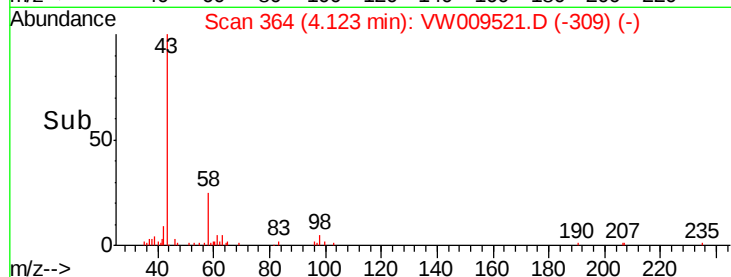
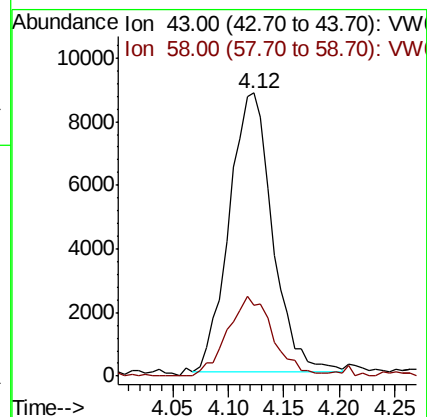
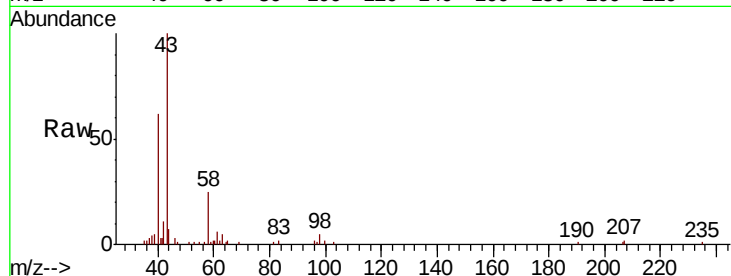
BF5L1

Tot Ion: 43 Resp: 23748

Ion Ratio Lower Upper

43 100

58 29.7 0.0 56.2



#16

Methylene chloride

Concen: 1.780 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009521.D

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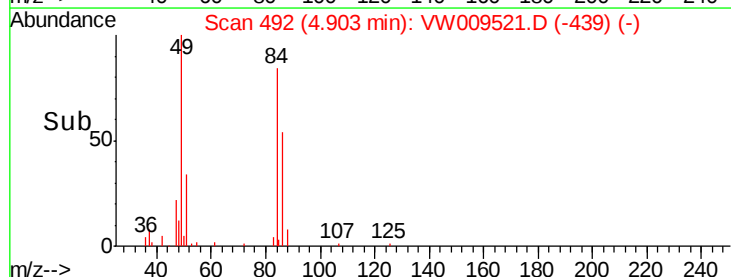
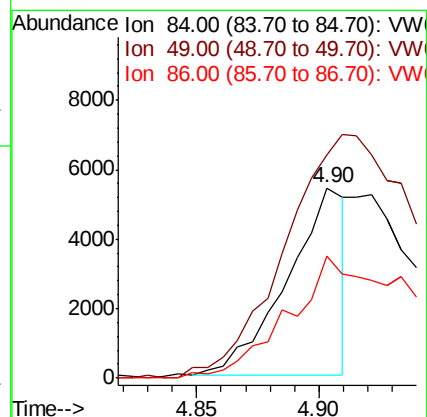
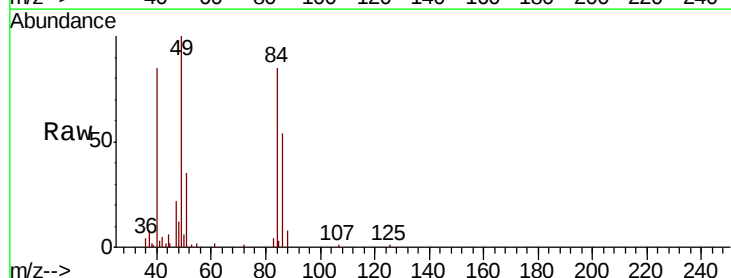
Tgt Ion: 84 Resp: 8957

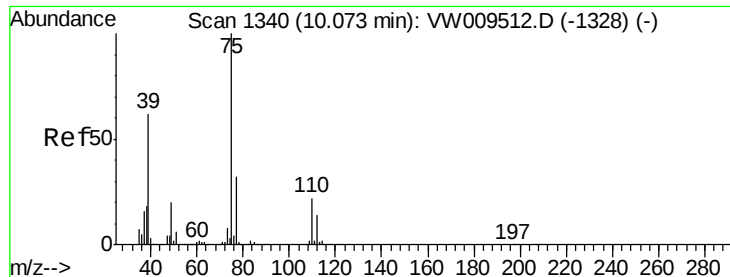
Ion Ratio Lower Upper

84 100

49 117.6 96.0 178.2

86 64.0 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.517 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009521.D

Acq: 28 Mar 2019 01:27

Instrument :

MSVOA_W

ClientSampled :

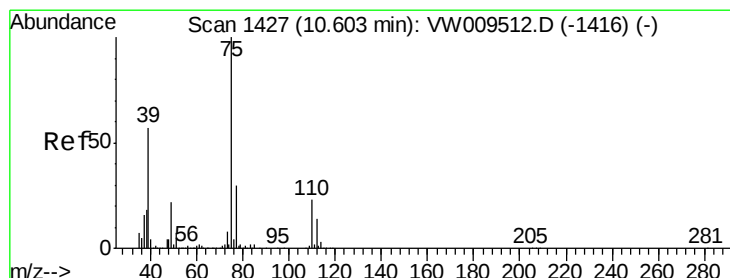
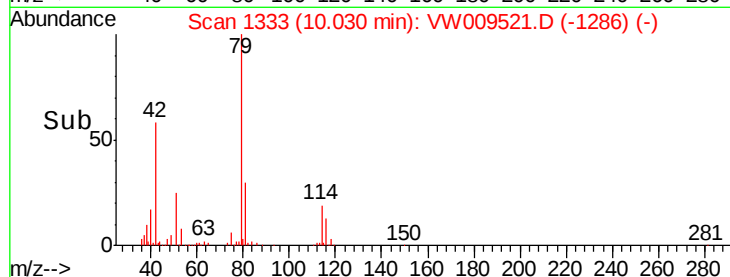
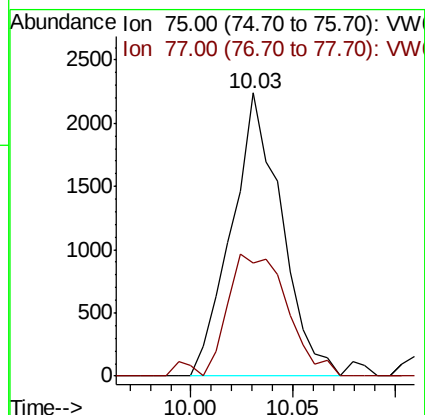
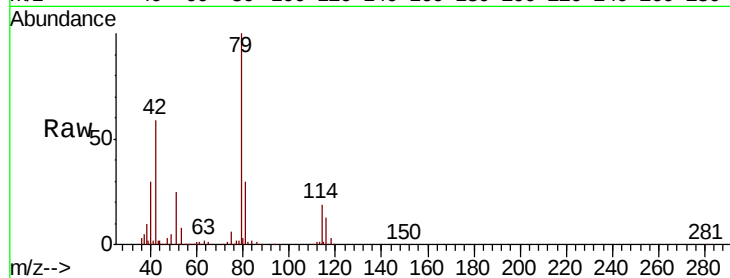
BF5L1

Tot Ion: 75 Resp: 3793

Ion Ratio Lower Upper

75 100

77 40.0 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.444 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009521.D

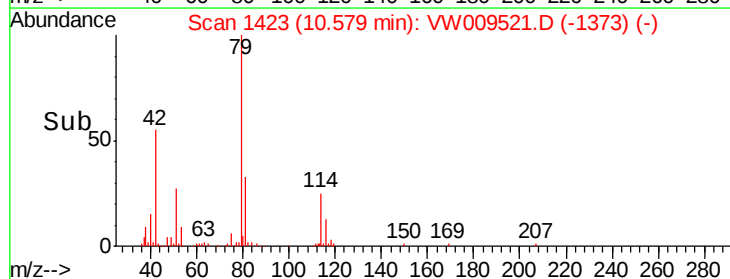
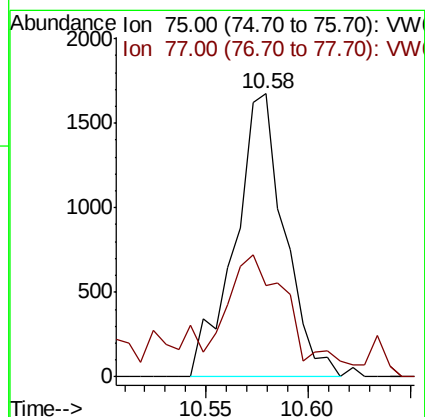
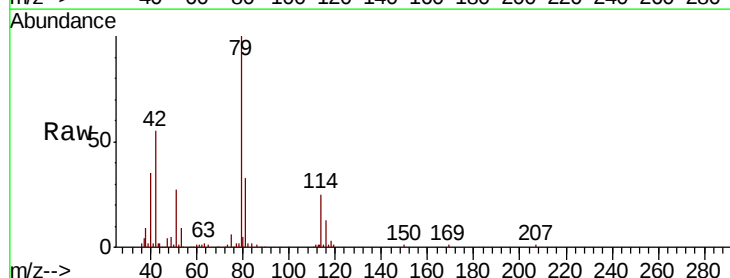
Acq: 28 Mar 2019 01:27

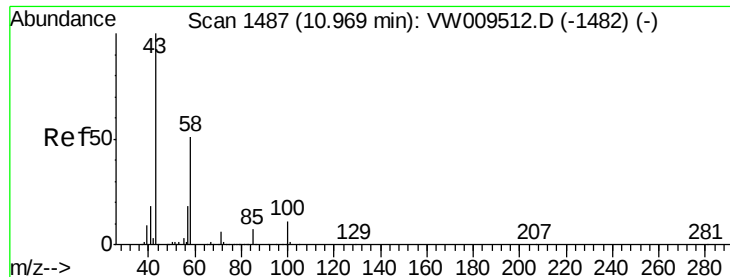
Tgt Ion: 75 Resp: 2831

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.7





#49

2-Hexanone

Concen: 3.285 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009521.D

Acq: 28 Mar 2019 01:27

Instrument :

MSVOA_W

ClientSampleId :

BF5L1

Tot Ion: 43 Resp: 9443

Ion Ratio Lower Upper

43 100

58 22.2 39.2 58.8#

57 37.5 14.2 21.2#

100 2.7 8.9 13.3#

